

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No. 08/239,978

Docket: ATI-77

Filed: 5/9/94

Art Unit: 3106

Inventor: David S. BREED

Examiner: Tyson, K.

Title: " VEHICLE INTERIOR IDENTIFICATION AND MONITORING SYSTEM"

Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

PROPOSED AMENDMENT AFTER FINAL (37 C.F.R. 1.116)

In response to the Examiner Final Official Action dated 11/30/95, the Applicant proposes to amend the application as follows:

IN THE CLAIMS:

19 (thrice amended). In a motor vehicle having an interior passenger compartment having a front seat, said compartment having contents comprising at least one occupant, said contents optionally also comprising at least one object, said objects being of certain classes of objects, an interior monitoring system comprising:

- a) [Pattern]pattern recognition means to identify the presence of and to identify at least one of said contents, said means comprising: (i) means to illuminate said contents of said compartment, and (ii) a trained pattern recognition means, said trained pattern recognition means having been trained on substantial data of different occupants and optionally on substantial data of said classes of said at least one object;
- b) means to determine the location of said identified contents within said passenger compartment; and